

COLORADO NATIONAL MONUMENT

PUBLIC USE COUNTING AND REPORTING INSTRUCTIONS

Following are detailed instructions for collecting and reporting data to be entered on Form 10-157, Revised, Monthly Public Use Report by Colorado National Monument. These instructions are effective the date of issuance and will continue in effect unless changed by amendment or by memorandum from the Socio-Economic Studies Division to the superintendent approving a requested change.

Each item below describes the procedures to be followed in collecting public use data and summarizing the various elements of those data for entry on the corresponding line on the 10-157, Monthly Public Use Report.

Recreation Visits

1. An inductive loop traffic counter is located on the southbound lane of Rim Rock Drive at the Fruita Entrance Station.
2. An inductive loop traffic counter is located on the westbound lane of Rim Rock Drive at the Grand Junction Entrance Station.

The traffic counts in 1 and 2 are summed. The summed traffic count is reduced for nonrecreation vehicles, nonreportable vehicles (450 per month), and buses. The reduced traffic counts are multiplied by the persons-per-vehicle (PPV) multiplier of 2.5 (September through May) or 2.6 (June through August).

3. The number of bus visitors.
4. An estimated number of hikers entering the park through the lower Monument Canyon Trail. (This is estimated by multiplying the number of visitors that sign the trail registers at upper and lower Monument Canyon Trail by the estimating factor in Table 1. The adjusted trail count is multiplied by 0.6 to estimate the number of visitors to lower Monument Canyon Trail.)

Nonrecreation Visits

1. An inductive loop traffic counter is located across the entrance lane at East Glade entrance. The traffic count is multiplied by the PPV multiplier of 1.8.
2. An inductive loop traffic counter is located across the entrance lane at West Glade entrance. The traffic count is multiplied by the PPV multiplier of 1.8.

Recreation Visitor Hours

1. Total recreation visits are multiplied by 2.2 hours for day use.
2. The number of overnight stays is multiplied by 14.2 hours.

Nonrecreation Visitor Hours

Total nonrecreation visits are multiplied by 30 minutes.

Overnight Stays

NPS Campgrounds - Saddlehorn

The number of tent or RV sites occupied is multiplied by the persons- per-site multiplier of 3.7.

NPS Backcountry

The number of backcountry overnight stays is obtained from backcountry permits.

Special Use Data

- Line a. Number of vehicles at the Fruita entrance
- Line b. Number of vehicles at the Grand Junction entrance
- Line c. Number of vehicles at the West Glades entrance
- Line d. Number of vehicles at the East Glades entrance
- Line e. Registered climbers
- Line f. Hikers at Devils Kitchen, Monument Canyon, and Liberty Cap trails
(this is estimated by multiplying the number of visitors that sign the trail registers by the estimating factor in Table 1)
- Line g. Cross country skiers
- Line n. The number of tour buses

Table 1
Estimation Factors for Trail Use by Season

TRAIL HEAD	SEASON	ESTIMATING FACTOR
Monument Canyon Trail	January, February	2.86
	March - December	4.17
	April, May	1.27

Devils Kitchen Trail	June, July, August	7.14
	September - March	4.17
Liberty Cap Trail	November - February	6.67
	March - October	3.34